

ANTONOV, B.

Record of parachutists-sportsmen. Kryl.rod. 3 no.819 Ap. '52. (MLRA 818)
(Parachutists)

ANTONOV, B.; SHVATSMAN, Ya.

Aeronautical amateurs of Ul'yanovsk. Kryl.rod. 11 no.4:6-7 Ap
'60. (MIRA 13:6)
(Ul'Yanovsk--Aeronautics)

ANTONOV, B.

Radio-controlled automobile model. Tekh.mol.23 no.9:38 8'55.
(Automobiles--Models) (MIRA 8:12)

ANTONOV, B., kand.tekhn.nauk

New means of introducing automatic control and light
signals into the navigation beaconage system. Rech.
transp. 19 no.7:31-33 J1 '60. (MIRA 13:8)
(Aids to navigation) (Automatic control)

ANTONOV, B.

Active efficiency promoters. Prom.koop. 13 no.5:27 My '59.
(MIRA 12:9)

1. Smennyy master tschka No.1 arteli invalidov "XXX-y Oktyabr",
Moskva.
(Vocational rehabilitation)
(Inventions, Employees)

ANTONOV, B.

Organisation and wages of work teams in underground mining.
Sots.trud 4 no.9:60-62 S '59. (MIRA 13:1)
(Mining engineering--Production standards)

ANTONOV, B. (Tashkent); RYVKIN, P.; KHODKEVICH, E., starshiy inzhener;
ABRANIN, V., inzhener-mekhanik; UKOLOV, N., metodist;
LYAKHOVETSKIY, M.

Facts, events, people. Kryl.rod. 13 no.4:22-23 Ap '62.
(MIRA 15:5)

1. Nachal'nik Moskovskogo aviamodel'nogo kluba
Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i
flotu (for Ryvkin). 2. Moskovskaya oblastnaya stantsiya
yunykh tekhnikov (for Ukolov).
(Aeronautics)

DELIIVANOV, Kr.; ANTONOV, B.

Use of cortisone and ACTH in the treatment of blood diseases. Suvrem.
med., Sofia 8 no.2:32-42 1957.

1. Iz Voennata boinitsa na MVR.
(BLOOD DISEASES, therapy,
ACTH & cortisone (Bul))
(ACTH, therapeutic use,
blood dis. (Bul))
(CORTISONE, therapeutic use,
same)

ANTONOV, B., inzh.; BEKLIAROV, Em., inzh.

The steel-zinc pseudoalloys and their application in machine construction. Ratsionalizatsiya no.2:15-18 '62.

BEKiarov, Em., inzh.; ALADZHEM, E., inzh.; ANTONOV, B., inzh.

Use of ferroalloys as electrodes in electric-spark plating.
Mashinostroenie 11 no.7/8:7-14 Jl-Ag '62.

1. Postcianen konsultant, "Mashinostroenie" (for Bekiarov).

ANTONOV, B.; ANDREEV, S.; KHRISTOZOV, G.

Possibilities of increasing resistance to wear in the pistons,
sleeves, and crossheads of tractor engines. Izv mekh sel'sko
stoy RAN no.386-98 '62.

CHEKRENEV, A., doktor tekhn.nauk; BALANIN, V., kand.tekhn.nauk; ANTONOV, B.,
kand.tekhn.nauk

Result of investigations on prolonging the navigation season. Rech.
transp. 22 no.11:39-41 N '63. (MIRA 16:12)

ANTONOV, B., inzh.; RUSEV, K., inzh.

Three-component electroinductive dynamometer for measuring
the cutting force in turning. Mashinostroenie 12 no.8:38-40
Ag '63.

1. Vissh institut po mekhanizatsii i elektrifikatsii
na selskoto stapanstvo, Russ.

ANTONOV, Horis; KHRISTOZOV, Gospodin

Lengthening the life of crankshafts in the tractor Zetor-
25 engines. Izv mekh selsko stop NAN 4 39-61 '63.

ANTONOV, B., insh.

A symposium on technical, economic and organisational problems
of the repair and maintenance of agricultural machinery and
tractors. Sel'skostroy nauka 1 no.4/5:562 '62.

ANTONOV, B. A.

Antonov, B. A. - "On the geomorphology of the littoral strip of the Samur-Givichin coastal region of the Caspian Sea", Doklady (Akad. nauk Azerbaydzhi. SSR), 1949, No. 3, p. 163-07, (Resume in Azerbaijani).

See: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

ANTONOV, V. A.

"Surfaces of Leveling of the Northeastern Slopes of Lesser Caucasus"
Dokl. AN Azerb. SSR, Vol 9, No 5, 1953, pp 287-290

Describes four ancient surfaces of leveling located between the rivers Dzeganchay and Terter. States that these surfaces were formed by abrasion, erosion and freezing. (RZhGeol, No 4, 1954)

SO: W-31187, 8 Mar 55

ANTONOV, B.A.

Some problems on the orography of Azerbaijan. Izv.AN Azerb.SSR no.6;
19-27 Je '55.
(MLRA 9:6)
(Azerbaijan--Mountains)

ANTONOV, B.A.

Geomorphology of the Lenkoran region (Talysh). Biul.Kom.chetv.per.
no.20:77-81 '55. (MIRA 8:11)
(Lenkoran Lowland--Physical geography) (Talysh Mountains--
Physical geography)

PHASE I (D.F.)

3(5), 30(5)

PHASE I BOOK EXPLOITATION

SOV/1267

Akademiya nauk Azerbaydzhanskoy SSR. Institut geografii

Sovetskiy Azerbaydzhan (Soviet Azerbaydzhan) Baku, Izd-vo AN
Azerbaydzhanskoy SSR, 1958. 759 p. 10,000 copies printed.

Ed.: Aliyev, M.M., Vekilov, Samed Vurgun, Deceased, Mekhtiyev, Sh.F.,
Alampiyev, P.M., and Shikhliinskiy, E.M.; Ed. of Publishing House:
Bagdatlishvili, D.D.; Tech. Ed.: Pogosov, V.A.

PURPOSE: The book is intended for the general reader.

COVERAGE: This is a thorough survey of the geography of Azerbaydzhan,-
natural resources, industrial potential, and rural economy. The
book is made up of a collection of articles on the above subjects,
written by authorities in the respective fields. In addition to
economic aspects, the book provides a broad historical background
and discusses present-day cultural and social life in Azerbaydzhan.
The book is richly illustrated, showing many facets of industrial
activity. Statistics on areas, population, and production are
given; 35 maps accompany the text. There are no references.

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| Ch. XXIV. Transportation and Communication (Roslyakov I.A.) | 614 |
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9. Nakhichevanskaya ASSR (Nazirova B.T. and Izmaylov A.R.

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Soviet Azerbaydzhan

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Candidates in Geography)

737

10. Nagorno-Karabakhskaya AO (Zeynalov M.I. and Zavriyev V.G.,
Candidates in Geography)

754

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Card 7/7

AUTHOR: Antonov, B.A., Candidate of Geographical Sciences SOV/26-58-12-28/44

TITLE: Caves in the Quaternary Lavas of the Tertter River Valley
(Feshchery v chetvertichnykh lavakh doliny reki Tertter)

PERIODICAL: Priroda, 1958, Nr 12, p 113 (USSR)

ABSTRACT: The Quaternary lavas of the Karabakhkoye Highlands of volcanic origin in Azerbaijan are liable to form caves (Photo 1), instances of which in the Tertter River valley are described. Lava streams and cave formation in the vicinity of the spa of Istisu have been investigated by M.A. Kashkay; some of his findings are incorporated in this article. There are 2 photos.

ASSOCIATION: Institut geografii AN Azerbaydzhanskoy SSR /Baku (The Geographical Institute of the AS of the Azerbaijan SSR /Baku)

Card 1/1

KASHKAY, M.-A.; DUMITRASHKO, N.V.; AMTONOV, B.A.; ABASOV, M.A.; BUDAGOV,
B.A.; VOLOBUYEV, V.R.; LILLYENBERG, D.A.; MADATZADE, A.A.;
RUSTAMOV, S.G.; KHAIN, V.Yo.; SHIKHALIBEYLI, E.Sh.; SHIKHLINSKIY,
E.M.; AGAYEVA, Sh., tekhn.red.

[Geomorphology of the Azerbaijan S.S.R.] Geomorfologiya Azer-
baidzhanskoi SSR. Baku, 1959. 368 p. (MIRA 12:12)

1. Akademiya nauk Azerbaidzhanskoy SSR, Baku. Institut geografii.
(Azerbaijan--Physical geography)

ABASOV, M.A., kand.geograf.nauk; ANTONOV, B.A., kand.geograf.nauk

Wearing away of the shores of the Mingechaur Reservoir. Priroda
50 no.7:106-108 Jl '61. (MIRA 14:6)

1. Institut geografii AN Azerbaydzhanskoy SSR, Baku.
(Mingechaur Reservoir—Shore lines)

DUMITRASHKO, N.V.; LILYENBERG, D.A.; ANTONOV, B.A.; BAL'YAN, S.P.;
BUDAGOV, B.A.; KOVALEV, P.V.; TSERETELI, D.V.

Ancient glaciations of the Caucasus and their correlation
with the glaciation of the East European Plain. Trudy Kom.
chetv.per. 19:170-180 '62. (MIRA 16:1)
(Caucasus—Glacial epoch)
(East European Plain—Glacial epoch)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000101730002-7

ANTONOV, B.

Peculiar relations between the species of submarine world,
Priroda Bulg 11 no.5:90-92 S-0 '62.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000101730002-7"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000101730002-7

ANTONOV, B.A.

Comparing the traces of the Upper Quaternary glaciation in
the mountains of the southeastern part of the Lesser Caucasus,
eastern Pontus, and Elbrus (northern Iran). Izv. Vses. Geog.
obshch. 96 no.5:400-407 S-0 '64.
(MERA 17:12)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000101730002-7"

LEONT'YEV, O.K.; KHALILOV, A.I.; ANTONOV, B.A., red.

[Natural conditions governing the formation of coasts
of the Caspian Sea] Prirodnye usloviia formirovaniia bore-
gov Kaspiiskogo moria. Baku, Izd-vo Akad. nauk Azerbaid-
zhanskoi SSR, 1965. 204 p.
(MIRA 19:1)

ZHELEZNIKOV, Ye.N.; VOLODIN, V.I.; ANTONOV, S.I., red.

[Machinery for the coal industry] Mashiny dlia ugolnoi
promyshlennosti. Moskva, Nedra, 1964. 299 p.

(MIA 17:12)

TULIN, Vyacheslav Semenovich; ANTONOV, B.I., ved. red.

[Electric drives and the automatic control of
multiplexable mine hoisting machines] Elektroprivod
i avtomatika mnogokanalnykh russicheskikh podzemnykh
mashin. Moskva, Nodra, 1964. 193 p.
(MIRA 18:2)

ANFILOV, A.A., inzh.; BAKALEYNIK, Ya.M., inzh.; BIRGER, G.I.,
inzh.; BRUK, B.S., inzh.; BULOV, A.I., inzh.; GINTZBURG, V.L.,
inzh.; ZARELIN, V.L., inzh.; ZAFLECHENNY, Ye.G., inzh.; ISAYEV,
D.V., inzh.; KLIMOVITSKIY, A.M., inzh.; KRYUCHKOV, V.V., inzh.;
KOTOV, V.A., inzh.; LEYDERMAN, A.Ye., inzh.; PODGOYETSKIY,
M.L., inzh.; SAZHAYEV, V.O., inzh.; SEVAST'YANOV, V.V., inzh.;
FILIPPOV, S.F., inzh.; FROMBERG, A.B., inzh.; SHNEYEROV, M.S.,
inzh.; ERLIKH, G.M., inzh.; VERKHOVSKIY, B.I., red.; ZUBKOV,
G.A., red.; KARKLINA, T.O., red.; OVCHARENKO, Ye.Ya., red.;
ANTONOV, B.I., ved. red.

[New means of automatic and centralized control for nonferrous metal mines] Novye sredstva avtomatizatsii i dispatcher-skogo upravleniya dlia rudnikov tsvetnoi metallurgii. Moskva,
Nedra, 1965. 93 p.
(MIRA 10:4)

ANTONOV, B.M., inzh.

Check of the ignitrons of electric locomotives under operating conditions. Elek. i tepl. tiaga 7 no. 2:18-19 F '63.

(MIRA 16:2)
(Electric locomotives—Electric equipment)

ACC NR: A17037073

SOURCE CODE: UR/0413/67/000/C03/C049/0049

INVENTOR: Sakovich, A. A.; Sitnik, N. Kh.; Abramovich, M. I.; Antonov, B. M.;
Bogryy, V. S.

ORG: None

TITLE: A reversible static converter. Class 21, No. 190974 [announced by the All-Union Electrical Engineering Institute im. V. I. Lenin (Vsesoyuznyy elektrotekhnicheskiy institut)]

SOURCE: Izobreteniye, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1967, 49

TOPIC TAGS: nonrotary electric power converter, voltage regulator, phase shifter

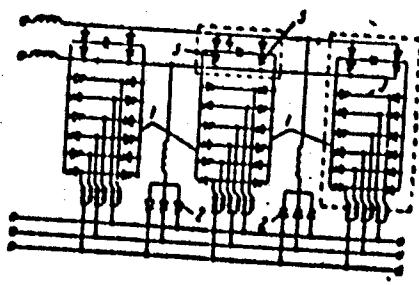
ABSTRACT: This Author's Certificate introduces: 1. A reversible static converter with controllable output voltage. The unit contains a phase shifter and controlled rectifier. The output voltage control range is expanded and operational reliability is improved by making the device in the form of individual unified cells connected to operate in parallel depending on the load. 2. A modification of this converter in which each cell is made in the form of a single-phase commutator inverter connected to the input of the corresponding phase shifter. 3. A modification of this converter in which the single-phase commutator inverter is made up of silicon-controlled rectifiers connected in a bridge circuit with two series-connected rectifiers in each arm of the

Card 1/2

UDC: 621.314.58

ACC NR. AP7009073

bridge.



1--phase shifters; 2--controlled rectifier; 3--unified cells;
4--inverter; 5--controlled rectifiers in the inverter

SUB CODE: 89/ SUBM DATE: 26Feb64

Card 2/2

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000101730002-7

ANTANOV, B.N.

Device for manual shifting of traveling cranes. Mashinostroitel'
no. 126 Ja '66
(MIRA 1961)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000101730002-7"

POPOV, Vyacheslav Menandrovich; ANTONOV, B.N., red.; TARABUKHIN, I.A.;
HOMANOVA, Z.A., tekhn.red.

[Carrier of tick-borne encephalitis] Perenoschik kleshchevogo
encefalita; stroenie, zhizn', metody izuchenija i bor'by s nim.
Moskva, Gos.izd-vo med.lit-ry, 1959. 114 p. (MIRA 13:4)
(TICKS AS CARRIERS OF DISEASE) (ENCEPHALITIS)

PLANEL'YES, Khuan Khuanovich; Kharitonova, Aleksandra Markovna;
ANTONOV, B.N., red.; GABERLAND, M.I., tekhn. red.

[Side effects in the use of antibiotics for bacterial infections] Pobochnye iavleniya pri antibiotikoterapii bakterial'-nykh infektsii. Moskva, Medgiz, 1960. 358 p. (MIRA 15:1)
(ANTIBIOTICS)

LORAN, Konstantin Mikhaylovich; ANTONOV, B.N., red.

[Treatment of tetanus patients] Lechenie bol'nykh
stolbniakov. Moskva, Meditsina, 1965. 226 p.
(MIRA 18:2)

PLANEL'YES, Kh.Kh., prof., red.; SOLOV'YEVA, Yu.V., kand. med. nauk, red.; GRACHEVA, N.P., kand. med. nauk, red.; ANTONOV, B.N., red.; ZUYEVA, N.K., tekhn. red.

[Nycerin; experimental study and the results of its clinical testing] Nitserin; eksperimental'noe izuchenie i rezul'taty klinicheskogo испытания. Moskva, Medgiz, 1961. 307 p.
(MIRA 15:3)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut epidemiologii i mikrobiologii. 2. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Planel'yes).

(ANTIBIOTICS)

BUNIN, Konstantin Vladimirovich, prof.; ANTONOV, B.M., red.; BALDINA,
N.F., tekhn. red.

[Infectious diseases] Infektsionnye bolezni. Izd.2. Mo-
skva, Medgiz, 1961. 478 p. (MIRA 17:3)

*

SHLYAKOV, E.N.; SINODSKAYA, V.A.; PASTUKHOV, B.N., red.; ANTONOV,
B.N., red.; ZUYEVA, N.K., tekhn. red.

[Anthrax; organisational and methodological materials] Sibir-
skaia iazva; sbornik organisatsionno-metodicheskikh materialov.
Pod obshchei red. B.N.Pastukhova. Moskva, Medgiz, 1962. 147 p.
(MIRA 15:6)

(ANTHRAX)

PLANEL'YES, Kh.Kh., prof., red.; SOLOV'YEVA, Yu.V., kand. med. nauk, red.; GRACHEVA, N.P., kand. med. nauk, red.; ANTONOV, B.N., red.; PARAKHINA, N.L., tekhn. red.

[Aurantin, an antineoplastic antibiotic preparation from the actinomycin group; experimental study and the results of a clinical test] Aurantin - protivoopukholevyi antibioticheskii preparat iz gruppy aktinomitsinov; eksperimental'noe izuchenie i rezul'taty klinicheskogo ispytaniia. Moskva, Medgiz, 1962. 279 p. (MIRA 15:9)

1. Akademiya meditsinskikh nauk SSSR, Moscow. 2. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Planel'yes).
(CYTOTOXIC DRUGS) (ANTIBIOTICS)

GURVICH, Zel'man Gilelevich; ANTONOV, B.M., red.; BUKOVSKAYA, N.A.,
tekhn. red.

[Newest medicinal substances; a brief manual with direc-
tions for prescription writing] Noveishie lekarstvennye
sredstva; kratkii spravochnik s retsepturoi. Meskva, Med-
giz, 1963. 118 p. (MIRA 16:7)
(MEDICINE--FORMULAE, RECEIPTS, PRESCRIPTIONS)

KASATKINA, Irina L'vovna; ANTONOV, B.N., red.; FARAKHINA, N.L.,
tekhn. red.

[Q fever] Ku-likhoradka. Moskva, Medgiz, 1963. 206 p.
(MIRA 16:12)
(Q FEVER)

YERNOV'YEVA, Zinaida Vissarionovna; ANTONOV, B.N., red.

[Antibiotics, interferon, bacterial polysaccharides]

Antibiotiki, interferon, bakterial'nye polisakharidy.

Moskva, Meditsina, 1965. 382 p. (MIRA 18:8)

DOMANEVSKIY, Nikolay Alekseyevich; ANTONOV, B.S., redaktor; SOKOLOVA, Ye.I.,
redaktor izdatel'stva; BEOICHIVA, N.N., tekhnicheskiy redaktor

[River dredges and their operation] Rechnye zemsnariady i ikh rabota.
Moskva, Gos. izd-vo vodnogo transporta, 1954. 233 p. [Microfilm]
(Dredging machinery) (MLRA 10:6)

1977-1980. Dissertation on "Theoretical equipment from reconstructed poly (commercialization of scientific knowledge; principles of organization). Doctor, 1980. In other education year, defense thesis of Doctor of Technical Sciences with title: Inst Imani V. V. Kugybychev. (Dissertation for the degree of Candidate of Technical Sciences.)

"C: Enzhehnaya iestern' No. 91, 10 December 1980.

ANTONOV B. S.

Name: ANTONOV, B. S.

Dissertation: Corrective structure of dredged earth. (Generalization
of experience in utilization and mathematical basis)

Degree: Cand Tech Sci

Defended at
Institution: Min Higher Education USSR, Moscow Order of Labor Red
Banner Construction Engineering Inst imeni V. V. Kuybyshev

Publication
Defense Date, Place: 1956, Leningrad

Source: Knizhnaya Letopis', No 47, 1956

MATLIN, Grigorij Markovich; GRIGOR'EV, Sergey Nikolayevich; SADOVSKIY, O.L.,
retsensent; ANTONOV, B.S., red.; VINOGRADOV, N.M., red. izd-va;
SALAZKOV, N.P., tekhn. red.

[Redesigning aids to navigation for inland waterways] Rekonstruktsiya
sudokhodnoi obstanovki na vnutrennikh vodnykh putiakh. Moskva, Izd-
vo "Technol. transport," 1958, 85 p. (MIRA 11:9)
(Aids to navigation)

KONOVALOV, I.M., dr., tekhn. nauk, prof.; CHEKRENEV, A.I., dr. tekhn.
nauk, prof.; BALANIN, V.V., kand. tekhn. nauk, dotsent; ANTONOV,
B.S., kand. tekhn. nauk

Methods of prolonging the navigation period on inland waterways.
Trudy LIVT no.46:30-37 '63
(MIRA 17:7)

ANTONOV, B.S., kand.tekhn.nauk; PAVLOV, B.K., inzh.; PODGORNYY, L.N., inzh.

Use of river icebreakers to extend the navigation period on
inland waterways. Trudy LIVT no.61:14-19 '64.

(MIRA 18:11)

PETROV, Vladimir Vasil'yevich; ANTONOV, Boris Vladimirovich;
GOLUBEVA, K.A., insh., retsenzent; MASLYIY, K.Ya., subores,
retsenzent; DUGINA, P.A., tekhn. red.

[How wages are calculated] Kak podschityvaetsia zarabotnaia
plata. Moskva, Mashgiz, 1960. 44 p. (Serija "Osnovy kon-
kretnoi ekonomiki," no.7) (MIRA 16:4)

(Wages)

ANTONOV, B.V.; MASHKOV, A.N., red.; KHUTORSKAYA, Ye.S., red.izd-va; EIV'YAKOVA, G.M., tekhn. red.

[Establishment of work norms and wages] Normirovanie truda i zarabotnaia plata. Moskva, Metallurgizdat, 1963. 36 p.
(MIRA 17:1)

ANTONOV, B. V. and ARCHS, G. A. (Cand. of Tech. Sci.)

"The Coefficient of Flow Through a Circular Orifice," Proc. Energet., No. 5,
1948.

ANTONOV, B. V.

Technical standardization and labor organization in nonferrous mines. Moskva,
Gos. nauchno-tekhn. izd-ye lit-ry po chernoi i tsvetnoi metallurgii, 1951 215 p.
(52-20482)

TM274.A6

ANTONOV, B. V.

Mining Engineering

"Technical standardization and work organization
in mines." Reviewed by A. S. Griner. Gor. zhur.
no. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

ANTONOV, B.V.; HUDAQ, Ye.G.; TRUBIN, O.L.

[Driller in underground operations of non-ferrous mines] Buril'shchik na podzemnykh rabotakh rudnikov tsvetnoi metallurgii; uchebnik dlia podgotovki rabochikh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1953. 263 p.

(MLRA 6:10)

(Mining engineering) (Boring)

ANTONOV, B.V.; LENSKII, M.A.

Ways to increase copper ore extraction at a lower cost price. Gor.
zhur. no.1:11-17 Ja '55. (MIRA 8:7)
(Copper mines and mining)

ANTONOV, Boris Vladimirovich; BENUNI, A.Kh., redaktor; LUCHKO, Yu.V.,
redaktor Izdatel'stva; KOVALENKO, N.I., tekhnicheskiy redaktor

[The setting of norms, and the organization of work and wages in
mines] Tekhnicheskoe normirovanie, organizatsiya truda i zarabot-
noi platy na rudnikakh, Sverdlovsk, Gos. nauchno-tekhn. izd-vo
lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie,
1956. 295 p.

(MLRA 9:7)

(Wages) (Mines and mineral resources--Production standards)

~~SECRET~~

BOCHAROV, V.I., Gornyy inst.; ANTONOV, B.V., Gornyy inst.; BELYAYEV, V.P.,
Gornyy inst.

Rapid mining in Ural copper mines. Gor. zhur. no.2:69-70 p. 158.
(MIRA 11:3)

1. Institut Unipromet.
(Ural Mountains--Copper mines and mining)

AUTHORS: Bocharov, V.I., and Antonov, B.V., Engineers 110-50-5-8/16

TITLE: The Mechanization of the Basic Processes of a Drifting Cycle
at Ore Mining Enterprises (Mekhanizatsiya osnovnykh protsessov
prokhodcheskogo tsikla na gornorudnykh predpriyatiyakh)

PERIODICAL: Mekhanizatsiya Trudoyemkikh i Tyazhelykh Rabot, 1959, Nr 5,
pp 27-28 (USSR)

ABSTRACT: The drilling of shot holes and the removal of the blasted
rock are the most labor-consuming processes of horizontal
mine working. As a rule, the drilling of shot holes is carried
out by hammer-drills OM-506, FM-503, IR-35 and IR-30k, fixed
on pneumatic supports. To cut the time required for stope
boring, the number of drillers is usually increased (see
table 3). Drawing 1 shows carriage DK-4, with 4 hammers,
operated simultaneously by 3 drillers. By using this carriage
a 12-man team of the Degtyarka mednyy rudnik (Degtyarka Copper
Mine) drifted the workings at a speed of 180-230 meters per
month. The efficiency of drilling carriages is illustrated
in table 2. The Degtyarka mine used 25.5% less time for
boring than the Kirovograd mine, and production increased
42% by using the carriage core hammers as compared with

Card 1/2

116-58-5-8/18

The Mechanization of the Basic Processes of a Drifting Cycle at Ore Mining Enterprises

hammer PR-30k. Drilling from the carriages is easier and more convenient, time saving on auxiliary operations and gives a higher output. There is a possibility of manufacturing a carriage with 8-10 hammer-drills operated by 1-2 drillers. Such a device will considerably increase production and cut work time by 2-3 times. The author recommends the use of plates for the exchange of mine cars near the loading machine. There are 2 tables and three figures.

AVAILABLE: Library of Congress

Card 2/2 1. Mining engineering-USSR 2. Drilling machines-Applications

ANTONOV, D.

"Some Statements and Recommendations by the Plovdiv Seed-control Station." p.221
(OORSKO STOPANSTVO VOL. 9, no. 5, May 1953, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 9,
Oct. 1953, Uncl.

ANTONOV, D.

"Device For Treating Some Forest Soil Before Sowing", P. 341.
(GORSKO STOPLANSTVO, Vol. 10, No. 8, Oct. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Acquisitions, (EAL), IC, Vol. 4,
No. 6, June 1955, Uncl.

ANTONOV, D.

"Improvement of the Quality of Forest Seed", P. 409. (GOKSGO STOPANSKO, Vol. 10, No. 9, Nov. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Acquisitions, (EAL), EC, Vol. 4, No. 6, June 1955, Unel.

ANTONOV, D.

ANTONOV, D. New method for determining to what degrees stratified seeds are prepared for sowing. Tr. from the Russian. p. 264

Vol. 12, No. 6, June 1956.
GORSKO STOJANSTVO
AGRICULTURE
Sofia, Bulgaria

See: East European Accession, Vol. 6, No. 2, February 1957

ANTONOV, D.

"Production and structure of some dichlorine derivatives from the pheno-thiazine group."

p.51 (Izvestiia, Vol. 5, 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

Antonov, D.A.

K Voprosu O sisteme Rabot Na Zakhar'yevskom Rudnike, Goryuchiy Slantsy,
1933, No. 2, 16

SO: Goryuchiy Slantsy No. 1934-35 TN .871
.G74

124-58-6-7011

Translation from: Referativnyy zhurnal. Mekhanika, 1958 Nr 6, p 107 (USSR)

AUTHOR: Antonov, D. A.

TITLE: An Experimental Determination of the Compressibility Coefficient of Sandstones (Eksperimental'noye opredeleniye koefitsiyenta szhimayemosti peschanikov)

PERIODICAL: Tr. Ufimsk. neft. n.-i. in-t, 1957, Nr 2, pp 117-127

ABSTRACT: Bibliographic entry

1. Rock--Theory 2. Rock--Physical properties

Card 1/1

ANTONOV, D.A.; BERZIN, V.N.

New method for determining residual water content in rock
samples. Trudy UFNII no.2:128-131 '57. (MIRA 12:1)
(Rocks--Analysis)

ANTONOV, D.A.

Plotting the stability diagram for multivheel motor vehicles.
Avt.prom. 27 no.11:16-20 N '61. (MIRA 14:10)
(Motor vehicles--Dynamics)

BABALYAN, G.A.; ANTONOV, D.A.

Phenomena occurring in oil reservoirs when bottom pressure is below
the saturation pressure. Trudy VNII no.25:38-55 '59. (MIRA 15:4)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.
(Oil reservoir engineering)

GERASIMOV, Vladimir Nikolayevich; DROBLENKOV, Viktor Feoktistovich;
RODIONOV, A.I., retsenzent; VASIL'YEV, B.F., retsenzent;
ANTONOV, D.A., retsenzent; IVANOV, A.P., red.; KRASAVINA,
A.M., tekhn. red.

[Submarine boats of imperialist countries] Podvodnye ladii im-
perialisticheskikh gosudarstv. Izd.2., dop. Moskva, Voenizdat,
1962. 301 p. (MIRA 15:9)

(Atomic submarines) (Submarine boats)

ANTONOV, D. A., kand. tekhn. nauk

Experimental dependences for side tilt of tires. Avt. prom.
29 no. 5:21-24 My '63. (MIRA 16:4)

(Tires, Rubber—Testing)

ANTONOV, D.A., kand.tekhn.nauk

Analyzing motion steadiness in designing motor vehicles. Avt.prom.
29 no.9:18-23 S '63. (MIRA 16:9)
(Motor vehicles--Dynamics)

ANTONOV, D.A., inzh.

Feed mechanism for sheet bars. Mekh. i avtom. proizv. 18 no.1:
30 Ja '64.
(MIRA 17:8)

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 3, p 322 USSR) SOV/137-59-3-7201

AUTHOR: Antonov, D. F.

TITLE: Oxidation of High-resistance Small-diameter Wire (Oksidirovaniye vysokoomnoy provoloki malykh diametrov)

PERIODICAL: Za tekhn. progress (Sovnarkhoz Gorkovsk. ekon. adm. r-na), 1958, Nr 4, pp 21-22

ABSTRACT: The author describes the method and the apparatus for oxidizing fine (0.1-mm diam and less) nichrome or constantan wire (W) which consists of alternating treatments of W in 100% Na₂CO₃ solution and in 20% Na₂CO₃ solution and of subsequent heat treatment at elevated temperatures with access of air, i.e., it is heated to 700-1000°C by passing electric current through the W. For each specific diameter of W there is a suitable supply voltage which produces high-quality oxide insulation. It is shown that for each W diameter there is an optimum oxidation rate ensuring a maximum electric strength of the oxide film. W oxidized by the method described above retains all its initial essential properties.

Card 1/1

T. S

86106

S/112/59/000/012/021/097

A052/A001

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Translation from: Referativnyy zhurnal, Elektrotehnika, 1959, No. 12, p. 20,
24048

AUTHOR: Antonov, D.F.

TITLE: Oxidation of Small-Diameter High-Resistance Wire

PERIODICAL: Za tekhn. progress (Sovnarkhoz Gor'kovsk. ekon. adm. r-na), 1958,
No. 4, pp. 21-22

TEXT: A method proposed and developed by the author together with A.M. Andrianychev for oxidation of thin (0.1 mm in diameter and thinner) nichrome or constantan wire is described. The wire is passed through saturated K_2CO_3 solution, undergoes a heat treatment at 700-1,000°C with access of air, i.e. It is heated by letting electric current through it or in an electric furnace, washed and dried. Breakdown voltage of oxide film depends on the concentration of solution and the rate of oxidation; for nichrome wire of 0.22 mm in diameter it

Card 1/2

86106

Oxidation of Small-Diameter High-Resistance Wire

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amounts to 30-40 volts. The new method eliminates a number of shortcomings of previous methods of oxidation of thin and very thin wires. The increase of specific resistance and the decrease of tensile strength are within technical conditions.

A.O.M.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

SILIN, V.V.; SUTOTSKIY, I.N.; DUBOVTSIEVA, V.A.; ANTONOV, D.G., otv.red.;
PEVZNER, A.S., zaveduyushchiy redaktsiyey izd-va; OSERKO,
L.M., tekhn.red.

[Uniform time and pay standards for construction, assembly, and
repair operations in 1960] Edinyye normy i rastsenki na stroi-
tel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g.
Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam.
Sbornik 30. [Assembling boiler units] Montash kotel'nykh ustano-
vok. 1960. 121 p.

1. Russiya (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroi-
tel'stva. 2. TSentral'noye normativno-issledovatel'skoye byuro
Ministerstva stroitel'stva elektrostantsiy SSSR (TsNIB MSES) (for
Sutotskiy, Dubovtseva).
(Wages) (Boilers)

STEPANITSKIY, N.M.; BRANTKOVSKIY, L.F.; ZAITSEV, M.F.; ANTONOV, D.O.,
etv.red.; PEVZNER, A.S., zav.red.izd-va; KUDAKOVA, N.I.,
tekhn.red.

[Uniform time and pay standards for construction, assembly, and
repair operations in 1960] Edinyye normy i raetsenki na stroi-
tel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g.
Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam.
Sbornik 28. [Assembling the hoisting and conveying equipment]
Montazh pod'emno-transportnogo oborudovaniia. No.2. [Non-continuous
equipment] Oborudovanie preryvnogo deistviia. 1960. 186 p.
(MIRA 13:6)

1. Russiya (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroi-
tel'stva. 2. Tsentral'noye normativno-issledovatel'skoye byuro
Ministerstva stroitel'stva elektrostantsii SSSR (TeNIB MSEs) (for
Brantkovskiy, Zaytsev).
(Wages) (Cranes, derricks, etc.)

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ANTONOV, D. I.

DECEASED

Aeronautics

see ILC

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CIA-RDP86-00513R000101730002-7"

A. Tsvetkov, D. S.

USSR Acad. Chem. Sci.

Dissertation: "Investigation in the Series of Phenthiazine," 29/3/50

Moscow Order of Lenin Chemical Technological Inst imeni D. I. Mendeleyev.

SO Vecheryaya Moskva
Sum 71

Antonov D.S.

B U L G .

Chlorination of phenothiazine. D. S. Antonov, 1964
In J. Chem. Ind. (London), 1964, p. 7, 75.
Phenothiazine (20 g.) in 30% eq. 90% EtOH was saturated at 42.5° with 15 g. HCl in 150 ml. EtOH, and 14 ml. 30% H₂O₂ was added at 40.4° during 20 min. The mixture was then cooled to room temp., the ppt. 15 ml. and recryst. from EtOH to give 1.5 g. *1-chlorophenothiazine oxide* (I), m. 212.3°. (12.53 g.) was treated at 50.60° with 10 ml. EtOH contg. 25% HCl and 25% HCl for 5-6 hrs.; the product was crystallized from EtOH to give *2-chlorophenothiazine* (II), m. 213.21°. A soln. of 2.7 g. II and 15 ml. BrCH₂CO₂ in 10 ml. EtOH was refluxed 1.8 hrs., and cooled to give crystals of the *N,N-dimethyl* of II, m. 231° (green CuH). The *N-alkyl derivative* of II, m. 127°, was prepared in 70% yield by treating Ic, II with 1.1 g. β -MeC₆H₅SO₂MgBr in 10 ml. EtOH for 3 hrs.; increasing the temp. to 160° did not increase the yield. Heating Ic with 10 ml. 10% HCl in EtOH 1.5 hrs. gave an oily product which on cryst. from EtOH and Me₂CO gave *1,2-dichlorophenothiazine*, m. 175°. *1,2-dichlorophenothiazine*, m. 213°, was the product of the reaction between I, 30% HCl in EtOH, and 30% H₂O₂ in 50% H₂O₂. — G. Magazinov.

✓ ✓ ✓

B U L G .

✓ Phenothiazine sulfones. D. S. Antonov. *Bull. inst. chim. akad. bulgare* 37, 2, 97-112 (1983) (in Russian).—To a soln. of 0.05 g. dichlorophenothiazine 5-oxide in 180 ml. 98% AcOH was added 2 ml. 17% H₂O₂ and the mixt. left 2 weeks at room temp., adding 2 ml. more H₂O₂ on the 7th day; the product was crystd. from EtOH to give *dichlorophenothiazine 5,5-dioxide* (I), m. 301°. I with β -MeC₆H₄SO₂Me yielded 10% *N*-Me deriv. of I, m. 229°. Phenothiazine (0.8 g.) in 60 ml. EtOH contg. 12% HCl was treated slowly with 8 ml. 30% H₂O₂ at 100°; when the mixt. was colorless, the solvent was evapd. and the residue crystd. from EtOH, giving *trichlorophenothiazine 5,5-dioxide*, m. 200°. Oxidation of *2,7-dinitrophenothiazine 5-oxide* (cf. Kehrmann, *C.A.* 13, 1712) with 30% H₂O₂ as above gave the *dioxide* (II), m. 310-1°. Reduction of II with Pb and HCl gave *2-amino phenothiazine 5,5-dioxide* (III), m. 204-5°. The amino group of III was replaced by Cl through diazotization and reaction with SnCl₄. Similarly were oxidized 2,7-dinitro- and *N*-methyl-2,7-dinitrophenothiazine, 5-oxide to the corresponding *dioxides*, m. 281-2° and 248-9°, resp.; *N*-methyl-2,7-diaminophenothiazine 5,5-dioxide, m. 252-3°. G. Meguerian.

1 L G

✓ Preparation and structure of some chloro derivatives of phenothiazine. I. Preparation and structure of some mono-chloro derivatives of N-alkyl substituted phenothiazine sulfones. D. B. Antropov and E. Karakashyan. *Bull. Acad. chim. sov. sov. resp.* 1957, Vol. 3, 111-22 (1959).—A soln. of *N*-methyl-2-nitrophenothiazine oxide (cf. Kohrmann, C.4, 13, 1713) in 13 ml. glacial AcOH was treated with 15-20 ml. 30% H_2O_2 during 2-2.5 hrs. with continuous boiling. The aged ppt. upon cooling, was recrystd. from Ac₂O giving 94% *m.p.* 219°. Similarly *N*-alkyl-3-nitrophenothiazine sulfone (II), *m.p.* 252° was obtained from the oxide. Reduction of 2.9 g. I with 3.6 g. Sn and 26 ml. 35% HCl gave 1.8 g. *N*-methyl-3-amino-phenothiazine sulfone (III); similarly II gave the corresponding amine. Dismutation followed by treatment with Cu₂Ch of III yielded 43% *N*-methyl-3-chlorophenothiazine sulfone (IV), *m.p.* 163°. IV was also obtained by the oxidation of *N*-methyl-3-chlorophenothiazine (2.5 g.) with KMnO₄ (100 ml. of 2% soln.). O. M. *AS good*

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BULGARIA/Organic Chemistry. Synthetic Organic Chemistry.
Abs Jour: Ref. Zhur-Khimiya, No 19, 1958, 64518.

Author : Antonov D S

Inst : Extraction and Structure of Certain Dichloro-

Derivatives of Phenothiazine.

Orig Pub: Izv. khim. in-t. B"lg. AN, 1957, 5, 51-73.

Abstract: Upon oxidation of N-ethyl (I), N-methyl-2-chlor (II), and N-ethyl-2-chlor (III) phenothiazines with NaNO_2 in CH_3COOH , there are produced 8-oxides of (I), yield 87%, m.p. 162° (in alcohol), (II), yield 73%, m.p. 96°, and III, m.p. 122°, converted by heating [1.5 - 2 hours, 100°] with conc. HCl in N-ethyl-2-chlor [yield 70%, m.p. 111° (in alcohol)] / N-methyl-2,7-dichlor (IV) [yield 74%, m.p. 127° (in alcohol)], and N-ethyl-2,7-

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BULGARIA/Organic Chemistry. Synthetic Organic Chemistry.

Abs Jour: Ref. Zhur-Khimiya, No 19, 1958, 64518.

G

which confirms their structure.

The double oxide of 2,7-diaminophenothiazine is changed by the diazo method into the double oxide of 2,7-dichlorophenothiazine, m.p. 301°.

Card : 3/3

30

ANTONOV, D.V.

~~Forms of moral experience [with summary in English]. Vop. psichol.~~
~~4 no. 2:109-115 Mr-Ap '58.~~
~~(MIRA 11:5)~~

1. Kafedra pedagogiki i psichologii Kalininskogo pedagogicheskogo
instituta.
(Conduct of life)

Bulgaria/Military

B-568

ANTONOV, Evgeni, Podpolkovnik, Med Ser; author of an article entitled "Our Experience in the Treatment of Spidermophytosis and Some Other Mycotic Skin Diseases With Undecylic Acid." (Voenno Meditsinsko Delo, Sofia, Mar 1961, pp 72-76)

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(1)

BALEVSKA, N.; ANTONOV, E.

A brief review of activities of the section of dermatology
in Sofia in 1960, Suvr. med. 12 no.11:129-131 '61.

(Dermatology)

BULGARIA

POPOV, L., SAVOV, T. and ANTONOV, Evg.; Department of Dermatology of Medical College (Katedra po kozhni bolesti pri VMI,) and Military Medical College (Visschiy voennomeditsinskiy institut). Head of Department: (Rukovoditel na katedrata) Prof L. POPOV; Director of M.M.College: A. MALEEV; Sofia.

"Acropathia Ulcero-Mutilans et Deformans Pseudosyringomyelitica."

Sofia, Nevrologiya i Psichiatriya, Vol 2, No 2, Mar-Apr 63; pp 70-79.

Abstract [English summary modified]: Three case reports of this rare neurologic syndrome, with much polemical nosologic discussion. Instead of the presumably universally accepted 'acropathia' authors propose new name of 'acrotroponeurosis ...' [meaning to convey neurologic rather than neurotic syndrome.] Five photographs, 2 roentgenograms; 14 Western references.

1/1

1

ANTONOV, K. A. Cand Tech Sci .. "Certain problems of theory and practice of pulsed water jets." Novosibirsk, 1961 (Acad Sci USSR. Siberian Dept. Joint Academic Council for Phys-Math and Tech Sci of the Siberian Dept., Acad Sci USSR), (KL, 4-61, 194)

-168-

ANTONOV, E.I., inzh.; KUZNETSOV, D.P., inzh.; LAVRUKHINA, T.P., inzh.;
TSYRKIN, I.Z., inzh.

Redesigning of the EP-3-600 ejector for operation on steam pressures
of 6 atm. Energetik 10 no.5:13-16 My '62. (MIRA 15:5)
(Steam turbines)

ANTONOV, E.I., inzh., SUSLIN, A.M., inzh.

Automation of the recirculation operation of 57B-10 feed pumps.
Energetik no.917-9 S '64.
(NIRA 1710)